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Mansfield et al.(10) **Pub. No.: US 2008/0259022 A1**(43) **Pub. Date: Oct. 23, 2008**(54) **METHOD, SYSTEM, AND GRAPHICAL USER
INTERFACE FOR TEXT ENTRY WITH
PARTIAL WORD DISPLAY****Publication Classification**(51) **Int. Cl.**
G09G 5/00 (2006.01)(52) **U.S. Cl.** **345/156**(76) Inventors: **Philip Andrew Mansfield,**
Vancouver (CA); **Michael Robert**
Levy, Vancouver (CA)(57) **ABSTRACT**

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A computer-implemented method for text entry includes receiving entered text from a user, selecting a set of candidate sequences for completing or continuing the sequence, and presenting the candidate sequences to the user, wherein the candidate sequences include partial words. The candidate sequences are identified based on usage frequency weights stored in a tree data structure. A graphical user interface for text entry includes displaying a current input sequence of characters and the identified partial words.

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